

ABSTRACT OF THE DISCLOSURE

To provide an electronic circuit, an electro-optical device, and an electronic apparatus, which are capable of producing digital signals having predetermined output values in accordance with digital data. A bit extending circuit 40 is constructed for producing 8-bit digital data in order to change current I_m of data line driving signals output from a digital-to-analog converting circuit 30 in a manner of a high order function with respect to 6-bit image data output from a controller. Further, a single line driver 20 is constructed by connecting the bit extending circuit 40 to an input side of the digital-to-analog converting circuit 30.